



RECEIVED

JUL 05 2002

TECH CENTER 1600 2900

PATENT

4-15-0107

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: JENTSCH, Thomas J. Conf.: 9782
Appl. No.: 09492361 Group: 1646
Filed: January 27, 2000 Examiner: MURPHY, J.F.
For: POTASSIUM CHANNELS AND GENES ENCODING
THESE POTASSIUM CHANNELS

REPLY UNDER 37 C.F.R. § 1.111

Assistant Commissioner for Patents
Washington, DC 20231

June 18, 2002

Sir:

In response to the Office Action issued February 22, 2002, the period for response having been extended by one (1) month to June 22, 2002, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (Thrice Amended) An isolated polynucleotide having a nucleic acid sequence which is capable of hybridizing under high stringency conditions with the polynucleotide sequence of SEQ ID No: 1, or its complementary strand, wherein said hybridizing occurs in a solution of 5 x SSC, 5 x Denhardt's solution, 0.5% SDS and 100 µg/ml of

07/02/2002 JAD001 00000006 09492361

02 FC:103

FC:115

10.00 OP

110.00 OP

00000006 09492361

07/02/2002 JAD001

84.00 OP
18.00 OP
110.00 OP

01 FC:102
02 FC:103
03 FC:115